

GenCore version 5.1.6
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 27, 2003, 18:10:20 ; Search time 26 Seconds
(without alignments)
401.736 Million cell updates/sec

Title: US-09-922-895-1

Perfect score: 1854
Sequence: 1 MTTSLDVFETFGTTSYDDV.....LERTSSVSPSTAPELIIVF 355

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 08
Maximum Match 100%

Listing first 45 summaries

Database :

1: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/6A_COMB.pep:*
4: /cgn2_6/prodata/1/1aa/6B_COMB.pep:*
5: /cgn2_6/prodata/1/1aa/PCTUS_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1854	100.0	355	4	US-08-575-967A-4
2	1854	100.0	355	4	US-08-847-296B-1
3	1854	100.0	355	4	US-09-045-583-54
4	1854	100.0	355	4	US-09-534-185-54
5	1752	94.5	355	4	US-08-833-752-8
6	1181.5	63.7	355	1	US-08-012-988A-2
7	1181.5	63.7	355	1	US-08-450-393A-5
8	1181.5	63.7	355	4	US-08-446-669-5
9	1181.5	63.7	355	4	US-09-239-938-1
10	1181.5	63.7	355	5	PCT-US95-00476-5
11	1134.5	60.5	355	4	US-08-833-752-9
12	1121.5	60.5	355	4	US-09-045-583-53
13	1121.5	60.5	355	4	US-09-534-185-53
14	951	51.3	360	4	US-09-045-583-51
15	951	51.3	360	4	US-09-534-185-51
16	948	51.1	352	4	US-09-517-605-5
17	947	51.1	347	1	US-08-461-244-3
18	947	51.1	360	1	US-08-450-393A-4
19	947	51.1	360	4	US-08-446-669-4
20	947	51.1	360	4	US-09-045-583-50
21	947	51.1	360	4	US-09-534-185-50
22	947	51.1	360	5	PCT-US95-00476-4
23	944	50.9	360	4	US-08-833-752-7
24	939.5	50.7	352	4	US-09-045-583-52
25	939.5	50.7	352	4	US-09-534-185-52
26	938.5	50.6	352	4	US-09-087-232A-13
27	938.5	50.6	352	4	US-08-861-105-14

28	938.5	50.6	352	4	US-08-575-967A-2	Sequence 2, Appl1
29	938.5	50.6	352	4	US-08-833-752-5	Sequence 5, Appl1
30	933.5	50.4	352	3	US-08-466-343D-2	Sequence 2, Appl1
31	932	50.2	354	4	US-08-724-984A-2	Sequence 9, Appl1
32	886.5	47.8	344	3	US-08-466-343D-9	Sequence 2, Appl1
33	886.5	47.8	374	1	US-08-450-393A-2	Sequence 2, Appl1
34	886.5	47.8	374	4	US-08-446-669-2	Sequence 2, Appl1
35	886.5	47.8	374	5	PCT-US95-00476-2	Sequence 2, Appl1
36	803.5	43.3	360	4	US-08-875-573-20	Sequence 20, Appl1
37	803.5	43.3	360	4	US-09-232-878-2	Sequence 2, Appl1
38	803.5	43.3	360	4	US-09-045-583-55	Sequence 55, Appl1
39	803.5	43.3	360	4	US-09-534-185-55	Sequence 5, Appl1
40	762.5	41.1	360	4	US-08-833-752-10	Sequence 10, Appl1
41	692.5	37.4	355	1	US-08-461-244-2	Sequence 2, Appl1
42	692.5	37.4	355	4	US-09-045-583-56	Sequence 56, Appl1
43	692.5	37.4	355	4	US-09-534-185-56	Sequence 56, Appl1
44	684	36.9	355	1	US-08-153-848-28	Sequence 28, Appl1
45	684	36.9	355	1	US-08-153-848-32	Sequence 32, Appl1

ALIGNMENTS

RESULT 1
US-08-575-967A-4
Sequence 4, Application US/08575967A
Patent No. 6265184
GENERAL INFORMATION:
APPLICANT: Gray et al.
TITLE OF INVENTION: Chemokine Receptor Materials and Methods
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/575,967A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 6265184and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32918
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-485-1900
TELEFAX: 206-485-1662
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: /- "88-2B amino acid sequence"
US-08-575-967A-4

Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 36-136;
Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 1 MTTSLDVFETFGTTSYDDVGLCEKADTRALNAQFVPLYSIVFTVGLGNVYVWILI 60
DB 1 MTTSLDVFETFGTTSYDDVGLCEKADTRALNAQFVPLYSIVFTVGLGNVYVWILI 60

QY 61 KRRRLRMNTNLYLNLAIISDLLFLVTLPPWIIHYVGHNVGHGCKLLSGYHFGLYSE 120
DB 61 KRRRLRMNTNLYLNLAIISDLLFLVTLPPWIIHYVGHNVGHGCKLLSGYHFGLYSE 120
QY 121 IFFIILLTDRLAIYHVAFAALRARTVPGVTSIYTWGLAYLALPERIFETEELPEE 180
DB 121 IFFIILLTDRLAIYHVAFAALRARTVPGVTSIYTWGLAYLALPERIFETEELPEE 180
QY 181 TLCSALYPEDVYSNRHFFHTLMTIFCVALPLLVNACVYGIKTLRCPSSKKYKAI 240
DB 181 TLCSALYPEDVYSNRHFFHTLMTIFCVALPLLVNACVYGIKTLRCPSSKKYKAI 240
QY 241 IFVIAVVFIFWTPYNNVALISSYOSILFGNDCESKHLDMVLTVEYIASHCCMPYI 300
DB 241 IFVIAVVFIFWTPYNNVALISSYOSILFGNDCESKHLDMVLTVEYIASHCCMPYI 300
QY 301 VAFVGERFRKYLRFHFFHRLHMLGRIYFPLPSEKLEKERTSSVSPSTAEPESLIVF 355
DB 301 VAFVGERFRKYLRFHFFHRLHMLGRIYFPLPSEKLEKERTSSVSPSTAEPESLIVF 355

RESULT 2
US-08-847-296B-1
Sequence 1, Application US/08847296B
Patent No. 6271347
GENERAL INFORMATION:
APPLICANT: DAUGHERTY, BRUCE L.
APPLICANT: DEMARTINO, JULIE A.
APPLICANT: SICILIANO, SALVATORE J.
APPLICANT: SPRINGER, MARTIN J.
TITLE OF INVENTION: EOSINOPHIL EOTAXIN RECEPTOR
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847, 296B
FILING DATE: 24-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/016, 158
FILING DATE: 26-APR-1996
APPLICATION NUMBER: 60/017, 113
FILING DATE: 26-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Thies, J. Eric
REGISTRATION NUMBER: 35,382
REFERENCE/DOCKET NUMBER: 19634Y
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3904
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-847-296B-1
Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 5e-136;
Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDTVEETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVETVGLGNVVMILLI 60
DB 1 MTTSLDTVEETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVETVGLGNVVMILLI 60
QY 61 KRRRLRMNTNLYLNLAIISDLLFLVTLPPWIIHYVGHNVGHGCKLLSGYHFGLYSE 120
DB 61 KRRRLRMNTNLYLNLAIISDLLFLVTLPPWIIHYVGHNVGHGCKLLSGYHFGLYSE 120
QY 121 IFFIILLTDRLAIYHVAFAALRARTVPGVTSIYTWGLAYLALPERIFETEELPEE 180
DB 121 IFFIILLTDRLAIYHVAFAALRARTVPGVTSIYTWGLAYLALPERIFETEELPEE 180
QY 181 TLCSALYPEDVYSNRHFFHTLMTIFCVALPLLVNACVYGIKTLRCPSSKKYKAI 240
DB 181 TLCSALYPEDVYSNRHFFHTLMTIFCVALPLLVNACVYGIKTLRCPSSKKYKAI 240
QY 241 IFVIAVVFIFWTPYNNVALISSYOSILFGNDCESKHLDMVLTVEYIASHCCMPYI 300
DB 241 IFVIAVVFIFWTPYNNVALISSYOSILFGNDCESKHLDMVLTVEYIASHCCMPYI 300
QY 301 VAFVGERFRKYLRFHFFHRLHMLGRIYFPLPSEKLEKERTSSVSPSTAEPESLIVF 355
DB 301 VAFVGERFRKYLRFHFFHRLHMLGRIYFPLPSEKLEKERTSSVSPSTAEPESLIVF 355

RESULT 3
US-09-045-583-54
Sequence 54, Application US/09045583
Patent No. 6287805
GENERAL INFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHYE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/045,583
FILING DATE: 20-MAR-98
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNT-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
TELEX:
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: Internal
US-09-045-583-54
Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 5e-136;
Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMI 60
DB 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMI 60
QY 61 KYRRLRMTNITLYLNLALISDLFLVTLPEWIIHYRGHNWFGHGMCKLLSGFYHTGLYSE 120
DB 61 KYRRLRMTNITLYLNLALISDLFLVTLPEWIIHYRGHNWFGHGMCKLLSGFYHTGLYSE 120
QY 121 IFFILLITIDRYLAIVAVPALRARTVFGVITSIYWGIAVLAALPEFIYEEELFEE 180
DB 121 IFFILLITIDRYLAIVAVPALRARTVFGVITSIYWGIAVLAALPEFIYEEELFEE 180
QY 181 TLCSALYPEDVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCSKRYKAI 240
DB 181 TLCSALYPEDVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCSKRYKAI 240
QY 241 IFVIMAVFFLEWPPYNAIILSSYQSLFPGNDCRSKHLDMLVTEVIAYSHCCMPVI 300
DB 241 IFVIMAVFFLEWPPYNAIILSSYQSLFPGNDCRSKHLDMLVTEVIAYSHCCMPVI 300
QY 301 YAFVGERFRKYLRRHFHRLHMLHGRYIPLPSEKLERTSSVSPSTAEPLSTVF 355
DB 301 YAFVGERFRKYLRRHFHRLHMLHGRYIPLPSEKLERTSSVSPSTAEPLSTVF 355

RESULT 4

US-09-534-185-54
Sequence 54, Application US/09534185
Patent No. 6403767

GENERAL INFORMATION:

APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6403767e1 Molecules of the G Protein-Coupled
Heptahelical Receptor Superfamily and Uses
Therefor

NUMBER OF SEQUENCES: 56

CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
City: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/534,185
FILING DATE: 24-Mar-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/045,583
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Mandagouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-534-185-54

Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 5e-136;

Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMI 60
DB 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMI 60
QY 61 KYRRLRMTNITLYLNLALISDLFLVTLPEWIIHYRGHNWFGHGMCKLLSGFYHTGLYSE 120
DB 61 KYRRLRMTNITLYLNLALISDLFLVTLPEWIIHYRGHNWFGHGMCKLLSGFYHTGLYSE 120
QY 121 IFFILLITIDRYLAIVAVPALRARTVFGVITSIYWGIAVLAALPEFIYEEELFEE 180
DB 121 IFFILLITIDRYLAIVAVPALRARTVFGVITSIYWGIAVLAALPEFIYEEELFEE 180
QY 181 TLCSALYPEDVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCSKRYKAI 240
DB 181 TLCSALYPEDVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCSKRYKAI 240
QY 241 IFVIMAVFFLEWPPYNAIILSSYQSLFPGNDCRSKHLDMLVTEVIAYSHCCMPVI 300
DB 241 IFVIMAVFFLEWPPYNAIILSSYQSLFPGNDCRSKHLDMLVTEVIAYSHCCMPVI 300
QY 301 YAFVGERFRKYLRRHFHRLHMLHGRYIPLPSEKLERTSSVSPSTAEPLSTVF 355
DB 301 YAFVGERFRKYLRRHFHRLHMLHGRYIPLPSEKLERTSSVSPSTAEPLSTVF 355

RESULT 5

US-08-833-752-8
Sequence 8, Application US/08833752
Patent No. 6448375

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL
APPLICANT: PARMENTIER, MARC
APPLICANT: VASSART, GILBERT
APPLICANT: LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
City: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,752
FILING DATE: 9-APR-1997
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6448375e
US-08-833-752-8

Query Match 94.5%; Score 1752; DB 4; Length 355;
Best Local Similarity 92.1%; Pred. No. 3.8e-128;
Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;
QY 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMI 60

Db 1 MTSDVTEGETSTYDVGILCEKADTRALMAQFVPPLYSLVFTVGLIGNVVMIL 60
QY 61 KYRIRIMNTIYLLMIAISDLLEFLVLPFWIHVYRGHNVFQHGCKILSGFYHGLVSE 120
Db 61 KYRIRIMNTIYLLMIAISDLLEFLVLPFWIHVYRGHNVFQHGCKILSGFYHGLVSE 120
QY 121 IFFIILLTDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEEFETEELPEE 180
Db 121 IFFIILLTDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEEFETEELPEE 180
QY 181 TICSALYEDPYVSRHFTLMTFCVLPLVMAICTGTIKLLRCPKSKKKAIRL 240
Db 181 TICSALYEDPYVSRHFTLMTFCVLPLVMAICTGTIKLLRCPKSKKKAIRL 240
QY 241 IFVIAVFEIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 300
Db 241 IFVIAVFEIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 300
QY 301 YAFVGERRRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355
Db 301 YAFVGERRRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355

-RESULT 6

US-08-012-988A-2
; Sequence 2, Application US/08012988A
; Patent No. 5652133
; GENERAL INFORMATION:
; APPLICANT: Murphy, Phillip M.
; TITLE OF INVENTION: Cloning and Expression of Human
; TITLE OF INVENTION: Macrophage Inflammatory Protein-1 alpha (MIP-1
; TITLE OF INVENTION: alpha)/RANTES Receptor
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Rourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94610
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/012,988A
; FILING DATE: 19930128
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 15280-118
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-543-9600
; TELEFAX: 415-543-5043
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-012-988A-2

Query Match 63.7%; Score 1181.5; DB 1; Length 355;
Best Local Similarity 63.2%; Pred. No. 4,1e-84;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DTVETFGTSTYD-DVGLCEKADTRALMAQFVPPLYSLVFTVGLIGNVVMILIKYR 64
Db 5 NTEDYDTTTERDYDADAPCCQKVNERRAFGAQLPLPLYSIVFYIGLVGNILVLYVQYKR 64

QY 65 IRLMTNIXLLNLAISDLLEFLVLPFWIHVYRGHNVFQHGCKILSGFYHGLVSEIPI 124
Db 65 IRLMTNIXLLNLAISDLLEFLVLPFWIHVYRGHNVFQHGCKILSGFYHGLVSEIPI 124
QY 125 ILLTDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEEFETEELPEE 184
Db 125 ILLTDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEEFETEELPEE 184
QY 185 ALYPEDYVSRHFTLMTFCVLPLVMAICTGTIKLLRCPKSKKKAIRL 244
Db 185 ALYPEDYVSRHFTLMTFCVLPLVMAICTGTIKLLRCPKSKKKAIRL 244
QY 245 MAVEFIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 304
Db 245 MAVEFIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 304
QY 305 GERFRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355
Db 305 GERFRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355

RESULT 7

US-08-450-393A-5
; Sequence 5, Application US/08450393A
; Patent No. 5707815
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOTACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,393A
; FILING DATE: May 25, 1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Casert, Luann
; REGISTRATION NUMBER: 31,822
; REFERENCE/DOCKET NUMBER: UCAL-237/0205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5165
; TELEFAX: 415-8857-0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-450-393A-5

Query Match 63.7%; Score 1181.5; DB 1; Length 355;
Best Local Similarity 63.2%; Pred. No. 4,1e-84;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DTVETFGTSTYD-DVGLCEKADTRALMAQFVPPLYSLVFTVGLIGNVVMILIKYR 64
Db 5 NTEDYDTTTERDYDADAPCCQKVNERRAFGAQLPLPLYSIVFYIGLVGNILVLYVQYKR 64

```

Oy      125  ILITDRYLAIVAHFALRARTVTGVTISVTWGLAVLAALPEFIEETEELFEETLCS  184
Db      65  LRMTNMYLLNLAISOLLTLVTPMIPINHVGRHNWPFHQCKILSGVHTGLSELFPI  124
Oy      65  LRMTNMYLLNLAISOLLTLVTPMIPINHVGRHNWPFHQCKILSGVHTGLSELFPI  124
Db      65  LRMTNMYLLNLAISOLLTLVTPMIPIDYKLDKDPWFGDMACKILSGYTGULSELFPI  124
Oy      125  ILITDRYLAIVAHFALRARTVTGVTISVTWGLAVLAALPEFIEETEELFEETLCS  184
Db      125  ILITDRYLAIVAHFALRARTVTGVTISIIYMLALIASMPCIGSEFKTOMETEYHHTCS  184
Oy      185  ALVPEDVYVSMRHFHRLRTITFCVLVPLLYMAICVTGIITKTLRSPSKRYKARLFEVI  244
Db      185  LHPHESLRMRKIFOLAKYKILNFCGLVPLLYMILCTTGIIKILLRPNRKKSKAVARLFEVI  244
Oy      245  MAYFELFTWPTVNAVAILLSYQSILFQNDGCSRHLDLVMALTEYIAVSHCCMNVYIAFV  304
Db      245  MIFELFTWPTVNTLITISVQDFELTFHEGEOSRHLDLQVTEYIAVTHCCMNVYIAFV  304
Oy      305  GERPRYLLRHFPRHLLMLGRYIPLPESEKLEPTSSVSPGAPELSTIVP  355
Db      305  GERPRYLLRHFPRHLLMLGRYIPLPESEKLEPTSSVSPGAPELSTIVP  355
Oy      305  GERPRYLLRHFPRHLLMLGRYIPLPESEKLEPTSSVSPGAPELSTIVP  355
Db      305  GERPRYLLRHFPRHLLMLGRYIPLPESEKLEPTSSVSPGAPELSTIVP  355

```

RESULT 8

US-08-446-669-5
Sequence 5, Application US/08446669
Patent No. 6132987
GENERAL INFORMATION:
APPLICANT: Charo, Israel
APPLICANT: Coughlin, Shaun
TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOKINE RECEPTOR
TITLE OF INVENTION: PROTEIN RECEPTORS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Coolley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,669
FILING DATE: May 25, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Neeley, Richard
REGISTRATION NUMBER: 30,092
REFERENCE/DOCKET NUMBER: UCAL-237/01US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
TELEFAX: 415-857-0663
TELEX: 380816COOLEYPA
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-08-446-669-5

Query Match	63.78;	Score 1181.5;	DB 4;	Length 355;
-------------	--------	---------------	-------	-------------

```
Oy      6 DYVETGTTSYD-DVGLLCEKRDTRALMAQFVPPLYSLVFTYGLGNVVVMILTKRR   64  
       :| |: |::| ::|| |||:||:||||:|:|:|:|:|:|:  
Db     5 NTTEDDYTTEEDYGDAIPCCQRKNERAFGAQLPPLYSLVFIAGLGNIIIVLYLVQYKR   64
```

```

OY 65 LRIMTNYLNLASISLLELVMLPFHIVHVRSHHNMVPHGCKKILSGVHNGLSLEFPI 124
Db 65 LKNTSYLNLNLASISLLELVLPFPHIDKLDKDWVPSDAKCKILSGVYGLSEFPI 124
OY 125 ILTLIDRYLAIVHAVALRARTVTEGVTSIYTMGLAVIALPERIFETEELEETICS 184
Db 125 ILTLIDRYLAIVHAVALRARTVTEGVTSIITMALIALASPGLVFSKQMEETHHTCS 184
OY 185 ALYPERDVYSMBRHFHLRMTIFCVMLPILYMAICTGIIIRLLNCPSKKKKARLLFVI 244
Db 185 LHPHESLRBWKALFOALKNLFGVLPLVLMITCYGIIRKILRRPNKSKRAVLLFVI 244
OY 245 MAVEFEMTPYNAVLSSYOSILFEGNDCRSHKLDLVMALTEVLAVSHCCMPNVIYAFV 304
Db 245 MIIEFLFEMTPYNTLITISVOPDLFTHCEQSRHDLVAVQTEVLAIVTHCCVNPVIYAFV 304
OY 305 GEARPKRLRFFRHHMLMGRIPTLRSEKLEKRTSSVSPSTABEUSLTVF 355
Db 305 GERKRLKRLQFRHRVAHVLMKPLSLVSLRERVSSTSPSTGEHELSAGF 355

```

RESULT 9

```

US-09-239-938-1
: Sequence 1, Application US/0923938
: Patent No. 6329510
: GENERAL INFORMATION:
: APPLICANT: Olin, Shixin
: APPLICANT: Newman, Walter
: APPLICANT: Kassam, Nasim
: TITLE OF INVENTION: ANTI-CCR1 ANTIBODIES AND METHODS OF USE
: TITLE OF INVENTION: THEREFOR
: FILE REFERENCE: LKS97-13
: CURRENT APPLICATION NUMBER: US/09/239,938
: CURRENT FILING DATE: 1999-01-29
: NUMBER OF SEQ ID NOS: 1
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO. 1
: LENGTH: 355
: TYPE: PRT
: ORGANISM: Homo sapien
US-09-239-938-1

```

Query Match	63.7%	Score 1181.5	DB 4	Length 355
Best Local Similarity	63.2%	Pred. NO. 4.1e-84		
Matches 222; Conservative	57	Mismatches 71	Indels 1	Gaps 1

[illegible]

RESULT 10

PCT-US95-00476-5
; Sequence 5, Application PC/TUS9500476
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Robbins, Berliner & Carson
; STREET: 201 N. Figueroa Street, 5th Floor
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90012-2628
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00476
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berliner, Robert
; REGISTRATION NUMBER: 20,121
; REFERENCE/DOCKET NUMBER: 5555-291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 310-977-1001
; TELEFAX: 310-977-1003
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; AMTI-SENSE: NO
; PCT-US95-00476-5
Query Match 63.7%; Score 1181.5; DB 5; Length 355;
Best Local Similarity 63.2%; Pred. No. 4.1e-84;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;
QY 6 DIVERGENTSYD-DVGLCEKADTRALMAQFVPLYSIVFTVGLGVVVMILIKYR 64
DB 5 NTTEEDYDTTEEDYDAPPCQVNERAGADLPPLYSIVFTVGLGVVVMILIKYR 64
QY 65 LRIMNTIYLNLAIISDLFLVTLFPWIMHYVRGNMVFHGMCKLISGFYHGLYSEIF 124
DB 65 LKMTISYILNLAIISDLFLVTLFPWIMHYVRGNMVFHGMCKLISGFYHGLYSEIF 124
QY 125 ILITDRILAYHAFALRARTVTEGVTISITIMAIASMPGLYFSTQWEPFHNC 184
DB 125 ILITDRILAYHAFALRARTVTEGVTISITIMAIASMPGLYFSTQWEPFHNC 184
QY 185 ALYPRDYYSRHFHTLMTIFCVLPILVMAICTGIIKTLRCPSSKKYKAILIYI 244
DB 185 LHPHESLRKMKLFALKLNLFGVLPILVMAICTGIIKTLRCPSSKKYKAILIYI 244
QY 245 MAVFEIWTYPYNAVAILLSYOSILFGNDCERSKHLDLVMTVETAYSHCCNPIYAFV 304
DB 245 MIIFLFMTYPNLTILISVQDFLTHCEGSRHLDLAVQTEVIAIYHCCNPIYAFV 304
QY 305 GERFRKYLRHFFRHLMLHGLRYIPFLPSEKLERISVSPSTAEPELSIF 355
DB 305 GERFRKYLRHFFRHLMLHGLRYIPFLPSEKLERISVSPSTAEPELSIF 355

RESULT 11
US-08-833-752-9
; Sequence 9, Application US/08833752

Patent No. 6448375
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASSART, GILBERT
; APPLICANT: LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/833,752
; FILING DATE: 9-Apr-1997
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-833-752-9

Query Match 61.2%; Score 1134.5; DB 4; Length 355;
Best Local Similarity 59.5%; Pred. No. 1.7e-80;
Matches 209; Conservative 66; Mismatches 75; Indels 1; Gaps 1;
QY 6 DIVERGENTSYD-DVGLCEKADTRALMAQFVPLYSIVFTVGLGVVVMILIKYR 64
DB 5 NTTEEDYDTTEEDYDAPPCQVNERAGADLPPLYSIVFTVGLGVVVMILIKYR 64
QY 65 LRIMNTIYLNLAIISDLFLVTLFPWIMHYVRGNMVFHGMCKLISGFYHGLYSEIF 124
DB 65 LKMTISYILNLAIISDLFLVTLFPWIMHYVRGNMVFHGMCKLISGFYHGLYSEIF 124
QY 125 ILITDRILAYHAFALRARTVTEGVTISITIMAIASMPGLYFSTQWEPFHNC 184
DB 125 ILITDRILAYHAFALRARTVTEGVTISITIMAIASMPGLYFSTQWEPFHNC 184
QY 185 ALYPRDYYSRHFHTLMTIFCVLPILVMAICTGIIKTLRCPSSKKYKAILIYI 244
DB 185 LHPHESLRKMKLFALKLNLFGVLPILVMAICTGIIKTLRCPSSKKYKAILIYI 244
QY 245 MAVFEIWTYPYNAVAILLSYOSILFGNDCERSKHLDLVMTVETAYSHCCNPIYAFV 304
DB 245 MIIFLFMTYPNLTILISVQDFLTHCEGSRHLDLAVQTEVIAIYHCCNPIYAFV 304
QY 305 GERFRKYLRHFFRHLMLHGLRYIPFLPSEKLERISVSPSTAEPELSIF 355
DB 305 GERFRKYLRHFFRHLMLHGLRYIPFLPSEKLERISVSPSTAEPELSIF 355

RESULT 12
US-09-045-583-53
; Sequence 53, Application US/09045583
; Patent No. 6287805
; GENERAL INFORMATION:
; APPLICANT: Graham, Gerard J. et al.

```

; TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/045,583
; FILING DATE: 20-MAR-98
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MNI-044
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: Internal
; US-09-045-583-53

Query Match      60.5%; Score 1121.5; DB 4; Length 355;
Best Local Similarity 60.8%; Pred. No. 1.7e-79;
Matches 216; Conservative 55; Mismatches 77; Indels 7; Gaps 2;

QY 8 VEPFGTSTYVD-----DVG--LICEKADTRALMAQFVPPYLSLVFTVGLGNVVMILI 60
DB 1 MEPTNTEDYDMEFYGDAFPCCHKVNERAIIAQLPLPLYSLVFVGVGNLLVVLV 60
QY 61 KYRLRLMTNIIYLLNLAISDLFLVTLPEFMIHYVRGNWVPGHGMCKILSGFYHTGLYSE 120
DB 61 QYRLKMTNIIYLLNLAISDLFLVTLPEFMIHYVRGNWVPGHGMCKILSGFYHTGLYSE 120
QY 121 IFFIILLTIDRYLAIYAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
DB 121 IFFIILLTIDRYLAIYAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
QY 181 TLCSALYPEDTVYSWRHFHTLRMTIFCLVPLVMAICVYGIITKLRLCPSSKKRYKARL 240
DB 181 HSCNIIHPYSPQOMKLFQALKNLFLGLVPLVMAICVYGIITKLRLCPSSKKRYKARL 240
QY 241 IFVIMAVFLEFMTPTYNVAIILSSYOSILFEGNDCRSKRLDVLMTVEVIAYSECCNAPVI 300
DB 241 IFVIMAVFLEFMTPTYNVAIILSSYOSILFEGNDCRSKRLDVLMTVEVIAYSECCNAPVI 300
QY 301 YAFVGERFRKYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSIVF 355
DB 301 YAFVGERFRKYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSIVF 355
;
; RESULT 13
; US-09-534-185-53
; Sequence 53, Application US/09534185
; Patent No. 6403767
; GENERAL INFORMATION:
; APPLICANT: Graham, Gerard J. et al.
; TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled

```

```

; Heptahelical Receptor Superfamily and Uses
; Therefor
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/534,185
; FILING DATE: 24-MAR-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MNI-044
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: Internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 53:
; US-09-534-185-53

Query Match      60.5%; Score 1121.5; DB 4; Length 355;
Best Local Similarity 60.8%; Pred. No. 1.7e-79;
Matches 216; Conservative 55; Mismatches 77; Indels 7; Gaps 2;

QY 8 VEPFGTSTYVD-----DVG--LICEKADTRALMAQFVPPYLSLVFTVGLGNVVMILI 60
DB 1 MEPTNTEDYDMEFYGDAFPCCHKVNERAIIAQLPLPLYSLVFVGVGNLLVVLV 60
QY 61 KYRLRLMTNIIYLLNLAISDLFLVTLPEFMIHYVRGNWVPGHGMCKILSGFYHTGLYSE 120
DB 61 QYRLKMTNIIYLLNLAISDLFLVTLPEFMIHYVRGNWVPGHGMCKILSGFYHTGLYSE 120
QY 121 IFFIILLTIDRYLAIYAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
DB 121 IFFIILLTIDRYLAIYAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
QY 181 TLCSALYPEDTVYSWRHFHTLRMTIFCLVPLVMAICVYGIITKLRLCPSSKKRYKARL 240
DB 181 HSCNIIHPYSPQOMKLFQALKNLFLGLVPLVMAICVYGIITKLRLCPSSKKRYKARL 240
QY 241 IFVIMAVFLEFMTPTYNVAIILSSYOSILFEGNDCRSKRLDVLMTVEVIAYSECCNAPVI 300
DB 241 IFVIMAVFLEFMTPTYNVAIILSSYOSILFEGNDCRSKRLDVLMTVEVIAYSECCNAPVI 300
QY 301 YAFVGERFRKYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSIVF 355
DB 301 YAFVGERFRKYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSIVF 355
;
; RESULT 14
; US-09-045-583-51
; Sequence 51, Application US/09045583
; Patent No. 6287805
; GENERAL INFORMATION:

```

